

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,813,022 B2
DATED : November 2, 2004
INVENTOR(S) : Fuyuhiko Inoue

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [75], Inventor, "Kanagawa-ken," should read -- San Mateo, --.

Column 14,

Line 14, " $\Delta(k_a) = \Phi((k_1)a) - \Phi(k_a)$ " should read -- $\Delta(k_a) = \Phi((k+1)a) - \Phi(k_a)$ --.

Line 21, "an" should read -- and --.

Line 22, " $\Phi((k_1)a)$ " should read -- $\Phi((k+1)a)$ --.

Line 23, "an" should read -- and --.

Line 26, "axis of" should read -- axis, of --.

Line 28, "displacement out" should read -- displacement, out --.

Lines 45-46, " $J_1(k_a) = (L_4(k_a) - L_2(k_a))/b = (t(k_a) - s(k_a))/b + \theta(k_a) = \Phi$ " should read -- $J_1(k_a) \equiv (L_4(k_a) - L_2(k_a))/b = (t(k_a) - s(k_a))/b + \theta(k_a) = \Phi$ --.

Line 47, " $J_2(k_a) = (L_3(k_a) - L_1(k_a))/b = t((k_1))$ " should read -- $J_2(k_a) \equiv (L_3(k_a) - L_1(k_a))/b = t((k+1))$ --.

Lines 64-65, " $(ka+a) = t(ka+a+a)\delta(ka+a) + (b/2)\theta(ka+a)$ " should read -- $(ka+a) = t(ka+a+a) + \delta(ka+a) + (b/2)\theta(ka+a)$ --.

Line 66, " $\Delta((k+1)a) = J_2((k+1)a) - J_1((k+1)a) = \Phi((k+2)a) - \Phi(k+1)$ " should read -- $\Delta((k+1)a) = J_2((k+1)a) - J_1((k+1)a) = \Phi((k+2)a) - \Phi((k+1))$ --.

Line 67, " $J_1((k+1)a) = (L_4((k+1)a) - L_2((k+1)a))/b =$ " should read -- $J_1((k+1)a) \equiv (L_4((k+1)a) - L_2((k+1)a))/b =$ --.

Column 15,

Line 1, " $(t((k+1)a) - s((k+1)a))/b + \theta((k+1)a) = \Phi(k+1)a\theta((k+1)a)$ " should read -- $(t((k+1)a) - s((k+1)a))/b + \theta((k+1)a) = \Phi((k+1)a) + \theta((k+1)a)$ --.

Line 2, " $J_2((k+1)a) = (L_3((k+1)a) - L_1((k+1)a))/b = t$ " should read -- $J_2((k+1)a) \equiv (L_3((k+1)a) - L_1((k+1)a))/b = t$ --.

Line 3, " $((k+2)a) - s((k+2)a))/b + \theta((k+1)a) = \Phi((k+2)a)\theta((k+1)a)$ " should read -- $((k+2)a) - s((k+2)a))/b + \theta((k+1)a) = \Phi((k+2)a) + \theta((k+1)a)$ --.

Line 55, "inferometer" should read -- interferometer --.

Line 56, "A" should read -- An --.

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Column 16,

Line 21, "axis of" should read -- axis, of --.

Line 24, "axis of" should read -- axis, of --.

Line 25, "z=-1;" should read -- z= -b; --.

Lines 39-40, " $J1(k_a) = L4(k_a) - L2(k_a) / b = (t(k_a) - s(k_a)) / b + \theta(k_a) = \Phi$ " should read -- $J1(k_a) \equiv (L4(k_a) - L2(k_a)) / b = (t(k_a) - s(k_a)) / b + \theta(k_a) = \Phi$ --.

Line 41, " $J2(k_a) = (L3(k_a) - L1(k_a)) / b = t((k+1)a)$ " should read -- $J2(k_a) \equiv (L3(k_a) - L1(k_a)) / b = t((k+1)a)$ --.

Line 42, " $1)a - s((k+1)a) / b + \theta(k_a) = \Phi((k+1)a) + \theta(k_a)$;" should read -- $1)a - s((k+1)a) / b + \theta(k_a) = \Phi((k+1)a) + \theta(k_a)$; --.

Line 62, " $\Delta((k+1)a) = J2((k+1)a) - J1((k+1)a) = \Phi((k+2)a) - \Phi((k+1)a)$ " should read -- $\Delta((k+1)a) = J2((k+1)a) - J1((k+1)a) = \Phi((k+2)a) - \Phi((k+1)a)$ --.

Line 63, " $J1((k+1)a) = (L4((k+1)a) - L2((k+1)a)) / b =$ " should read -- $J1((k+1)a) \equiv (L4((k+1)a) - L2((k+1)a)) / b =$ --.

Line 64, " $t((k+1)a) = s((k+1)a) / b + \theta(k+1)a = \Phi((k+1)a) + \theta((k+1)a)$ " should read -- $t((k+1)a) = s((k+1)a) / b + \theta((k+1)a) = \Phi((k+1)a) + \theta((k+1)a)$ --.

Line 65, " $J2((k+1)a) = (L3((k+1)a) - L1((k+1)a)) / b =$ " should read -- $J2((k+1)a) \equiv (L3((k+1)a) - L1((k+1)a)) / b =$ --.

Column 17,

Line 33, "inteferometric" should read -- interferometric --.

Column 18,

Lines 21-22, " $J1(k_a) = (L8(k_a) - L6(k_a)) / b = t(k_a) - s(k_a) / b + \theta(k_a) = \Phi$ " should read -- $J1(k_a) \equiv (L8(k_a) - L6(k_a)) / b = (t(k_a) - s(k_a)) / b + \theta(k_a) = \Phi$ --.

Line 23, " $J2(k_a) = (L7(k_a) - L5(k_a)) / b = t((k+1)a)$ " should read -- $J2(k_a) \equiv (L7(k_a) - L5(k_a)) / b = t((k+1)a)$ --.

Line 30, " $L6(k_a + a) = s(k_a + a) + \delta(k_a + a) - a/2$ " should read -- $L6(k_a + a) = s(k_a + a) + \delta(k_a + a) - (a/2)\theta$ --.

Line 34, " $L8(k_a + a) = t(k_a + a) + \delta(k_a + a) + a/2$ " should read -- $L8(k_a + a) = t(k_a + a) + \delta(k_a + a) + (a/2)\theta$ --.

Line 38, " $L5(k_a + a) = s(k_a + a) + \delta(k_a + a) - a/2$ " should read -- $L5(k_a + a) = s(k_a + a) + \delta(k_a + a) - (a/2)\theta$ --.

Line 42, " $L7(k_a + a) = t(k_a + a) + \delta(k_a + a) + a/2$ " should read -- $L7(k_a + a) = t(k_a + a) + \delta(k_a + a) + (a/2)\theta$ --.

Line 44, " $\Delta((k+1)a) = J2((k+1)a) - J1((k+1)a) = \Phi((k+2)a) - \Phi((k+1)a)$ " should read -- $\Delta((k+1)a) = J2((k+1)a) - J1((k+1)a) = \Phi((k+2)a) - \Phi((k+1)a)$ --.

Line 45, " $J1((k+1)a) = (L8((k+1)a) - L6((k+1)a)) / b =$ " should read -- $J1((k+1)a) \equiv (L8((k+1)a) - L6((k+1)a)) / b =$ --.

Line 47, " $J2((k+1)a) = (L7((k+1)a) - L5((k+1)a)) / b =$ " should read -- $J2((k+1)a) \equiv (L7((k+1)a) - L5((k+1)a)) / b =$ --.

Line 56, " $\Delta((k-1)a) = \Phi(k_a) - \Phi((k-1)a)$;" should read -- $\Delta((k-1)a) = \Phi(k_a) - \Phi((k-1)a)$; --.

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Column 19.

Line 36, " $\Delta(ka)=J_2(ka)-J_1(ka)=\Phi((k+b \ 1) a)-\Phi(ka)$ " should read -- $\Delta(ka)=J_2(ka)-J_1(ka)=\Phi((k+1)a)-\Phi(ka)$ --.

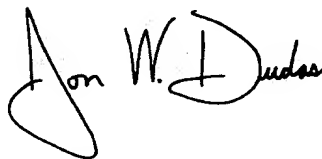
Line 44, " $\Phi((k+1))$ " should read -- $\Phi((k+1)a)$ --.

Column 20.

Line 54, "in =0, 1," should read -- m=0, 1, --.

Signed and Sealed this

Thirty-first Day of May, 2005

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS
Director of the United States Patent and Trademark Office